

Title (en)  
ANTENNA AND MOBILE TERMINAL

Title (de)  
ANTENNE UND MOBILES ENDGERÄT

Title (fr)  
ANTENNE ET TERMINAL MOBILE

Publication  
**EP 3035442 A4 20161109 (EN)**

Application  
**EP 14887184 A 20140328**

Priority  
CN 2014074299 W 20140328

Abstract (en)  
[origin: EP3035442A1] Embodiments of the present invention provide an antenna, including a first radiation part, a matching circuit, and a feed source, where the first radiation part includes a first radiator, a second radiator, and a capacitor structure, a first end of the first radiator is connected to the feed source by using the matching circuit, the feed source is connected to a grounding part, a second end of the first radiator is connected to a first end of the second radiator by using the capacitor structure, a second end of the second radiator is connected to the grounding part, the first radiation part is configured to generate a first resonance frequency, and a length of the second radiator is one-eighth of a wavelength corresponding to the first resonance frequency. The present invention further provides a mobile terminal. The present invention helps reduce an antenna length, and further reduce a volume of a mobile terminal.

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**H01Q 1/36** (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/00** (2015.01); **H01Q 7/00** (2006.01); **H01Q 9/42** (2006.01); **H04W 88/02** (2009.01); **H01Q 5/371** (2015.01)

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Citation (search report)

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